

Fig. 1  
PRIOR ART

This schematic diagram illustrates a fluid control system. It features two rotary valves, 15 and 17, each with six internal ports. The left valve 15 is connected to a main supply line 63 via a line 21. Its internal ports are labeled 25, 29, 31, and 37. The right valve 17 is connected to the same main supply line 63 via a line 41. Its internal ports are labeled 37 and 47. A central control unit 53 is connected to both valves. This unit includes a central pivot 55, a lever 51, and two solenoid actuators 77 and 79. A diamond-shaped component 81 is connected to the lever 51. A control line 73 leads from the actuators to a control unit 81. A return line 65 is shown at the bottom, with arrows indicating the flow direction from the valves back to the supply line.

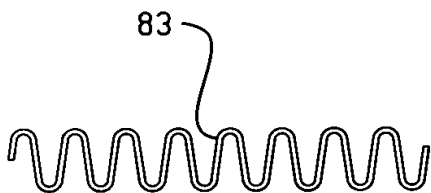
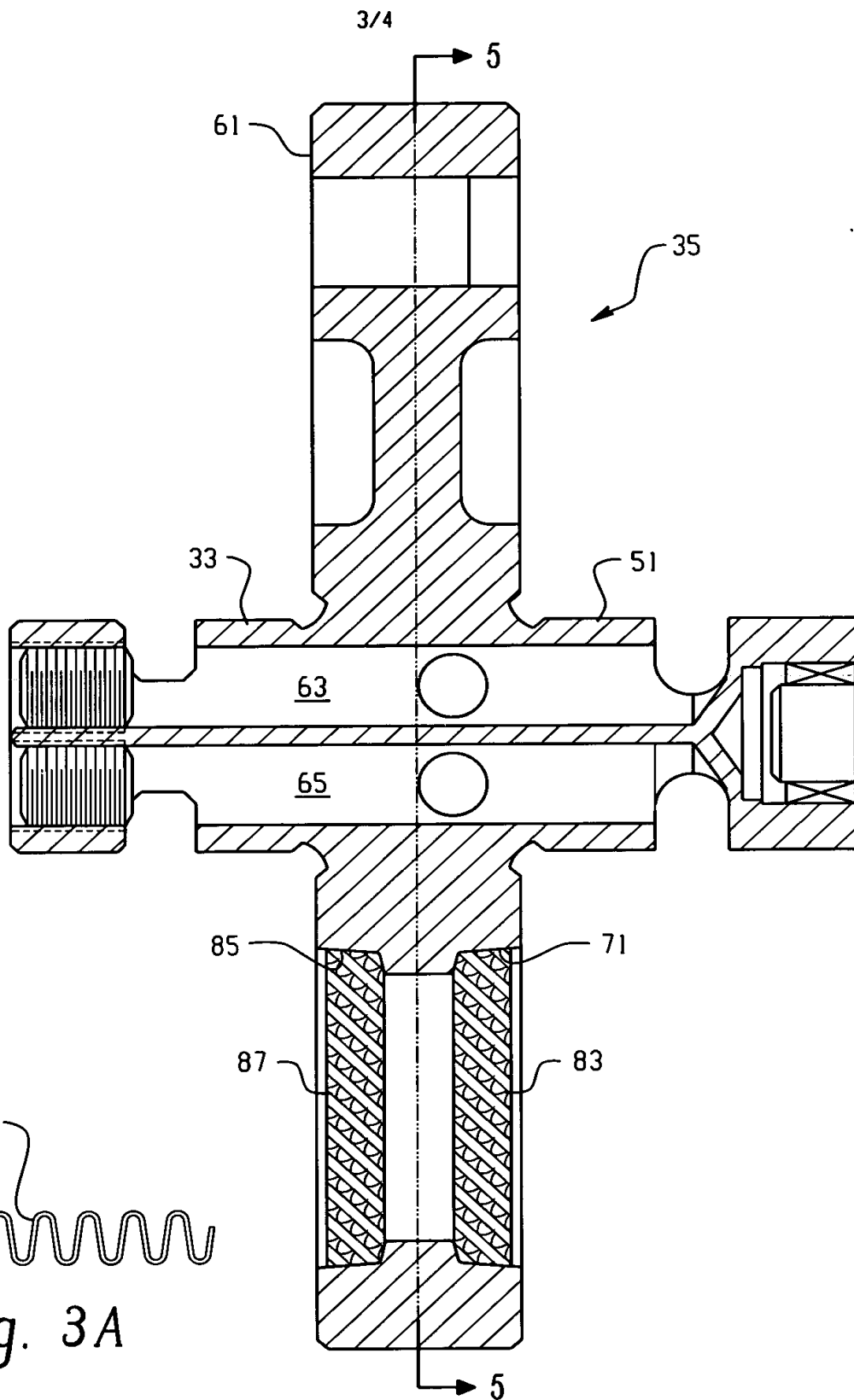
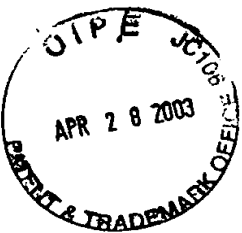


Fig. 3A

Fig. 3

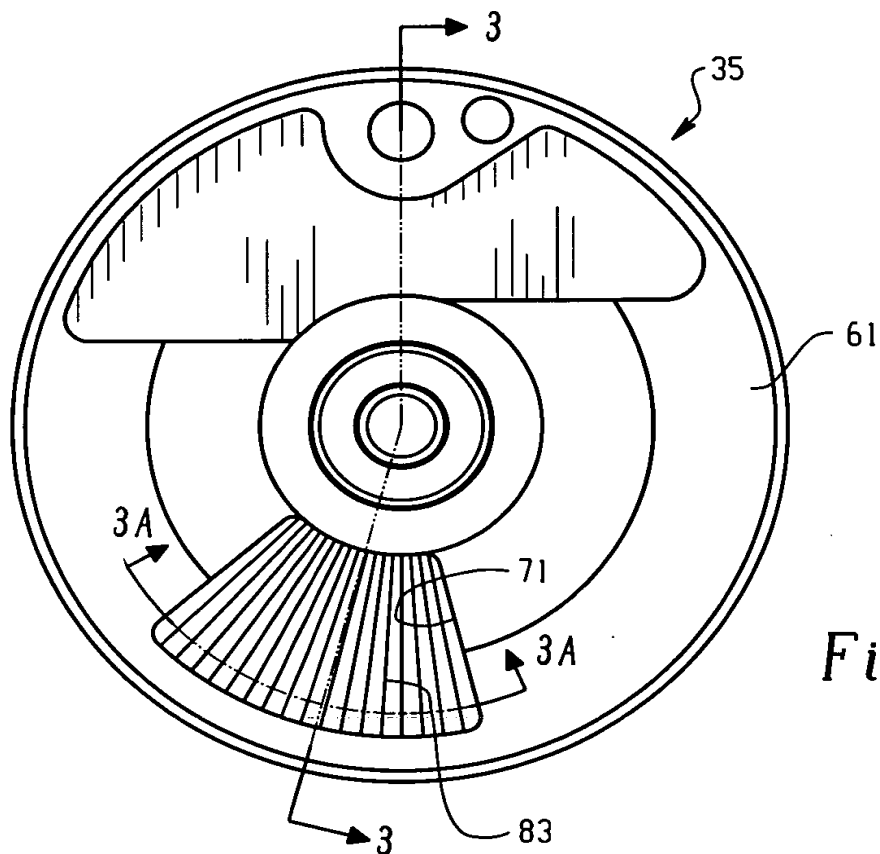


Fig. 4

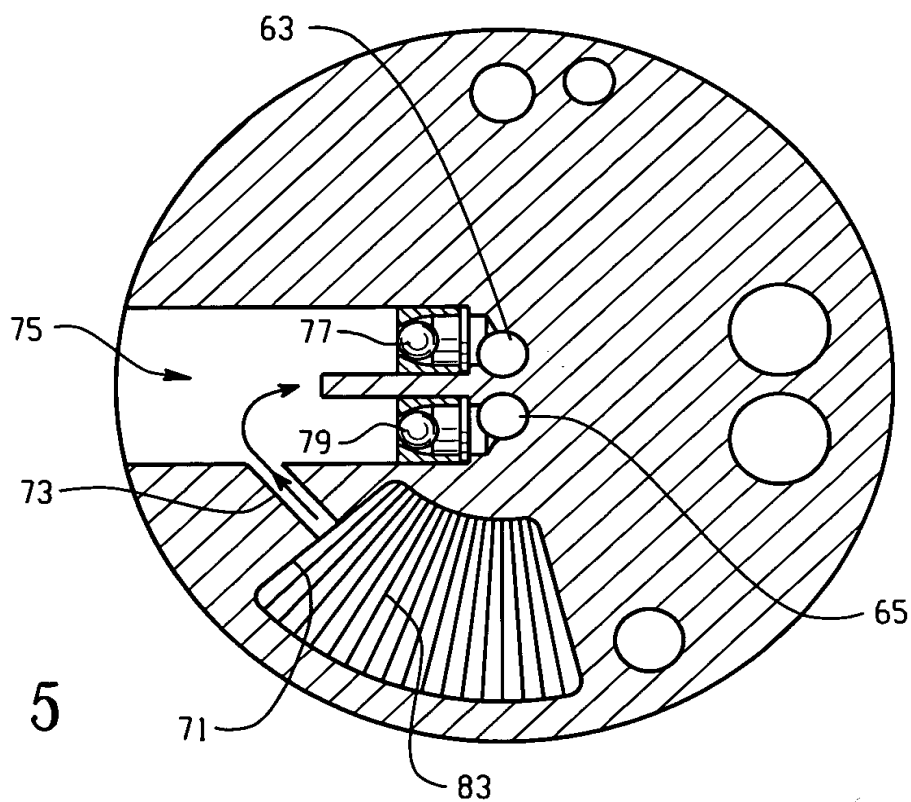


Fig. 5